



**CDTA COMMITTEE AGENDA**  
**Strategic and Operational Planning Committee**  
**Thursday, May 23, 2019 | 12:00 PM | 110 Watervliet Avenue, Albany**

<b>Committee Item</b>	<b>Responsibility</b>
Call to Order	Mike Criscione
Ascertain Quorum	Mike Criscione
Agenda Approval	Mike Criscione
Approve Minutes of Thursday, April 18, 2019	Mike Criscione

**Consent Agenda Items**

- No items scheduled

**Administrative Discussion Items**

- |  |              |
|--|--------------|
| • River Corridor BRT Update                          | Ross Farrell |
| • Washington/Western Corridor BRT Subprojects Update | Ross Farrell |

**Executive Session**

- No Items Scheduled

Next Meeting: Thursday, June 20, 2019, 12:00pm at 110 Watervliet Ave, Albany

Adjourn

*\* Indicates Material (Or Additional Material) Will Be Provided at Meeting*

**Capital District Transportation Authority  
Strategic and Operational Planning Committee  
Meeting Minutes – April 18, 2019 at 12:00pm; 110 Watervliet Avenue, Albany**

In Attendance: Mike Criscione (Chair), Jayme Lahut, Mark Schaeffer, Denise Figueroa, Carm Basile, Amanda Avery, Mike Collins, Christopher Desany, Lance Zarcone, Fred Gilliam, Jaime Watson, Jon Scherzer, Bob Sears, Phil Parella, Thomas Guggisberg, Ross Farrell, Sarah Matrose, Lauren Bailey, Kelli Schreivogl, Stephanie Belokopitsky, Vanessa Salamy

**Meeting Purpose**

Regular monthly meeting of the Strategic and Operational Planning. Committee Chair Mike Criscione noted that a quorum was present. Minutes from the March 21, 2019 meeting were reviewed and approved.

**Consent Agenda Items**

- No items scheduled.

**Administrative Discussion Items**

**Microtransit Pilot Update**

- Jon Scherzer gave an update on our MicroTransit pilot. In September, the Board approved a program with TransLoc, a subsidiary of Ford Smart Mobility. The pilot program will give us experience with technology and service delivery systems that offer flexible routing and scheduling, with real-time matching of demand and supply.
- Microtransit provides access to unserved areas replacing less efficient services, or to provide supplemental services. Customers will use mobile applications to request rides, which will be delivered with a CDTA-operated vehicle dispatched for curbside pickups. This is a hybrid between our current fixed route and ridesharing (Uber/Lyft) service.
- Simulations have been developed using ridership and service hours provided by CDTA for vehicles with an 8-seat capacity. Design allows point-to-point rides within specified zones, with weight given to points of interest. Simulated demand is constant with peaks around 7am and 5pm for commute traffic. Areas chosen for simulations included Saratoga Springs, Clifton Park, and suburban Albany County.
- We will move into software testing and training, procurement of vehicles, and execution of the pilot. A final analysis and report will be conducted. Timeline for deployment is the Fall of 2019

**Executive Session**

- No items scheduled.

**Next Meeting**

Thursday, May 23, 2019 at 12:00pm at 110 Watervliet Avenue, Albany

# River Corridor BRT Update

## Washington / Western BRT Subprojects Update

CDTA Planning Committee  
May 23, 2019



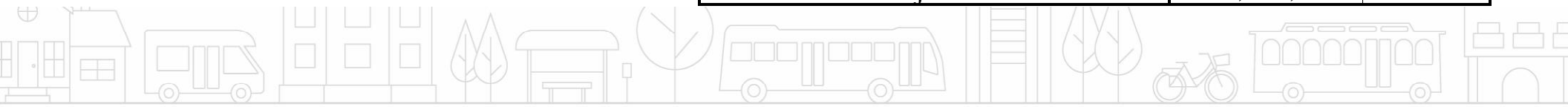
	BRT Line	Capital Cost	Funded By	Bid / RFP Released	Contract Approval	<u>Construction</u> Start      End	
River BRT Infrastructure Phase 1	River BRT	\$2.4 million	TAP 1 BRT Setaside	September 2016	December 2016	April 2017	July 2018
River BRT Shelter Manufacture/Install	River BRT	\$2.3 million	SS Package	December 2016	March 2017	April 2020	April 2021
WWBRT Shelter Manufacture/Install	WWBRT	\$0.9 million	Future SS				
Washington Ave Ped/Transit Improvement (aka Lark & Washington)	WWBRT	\$1.8 million	HSIP BRT Setaside	May 2017	June 2017	August 2017	July 2018
River BRT Infrastructure Phase 2	River BRT	\$4.4 million	SS Package	March 2019	May 2019	July 2019	May 2020
Uncle Sam Transit Center	River BRT	\$7.0 million	ESD Grant BRT Setaside	March 2019	TBD	TBD	TBD
Troy Garage Expansion	River BRT	\$6.6 million	SS Package	April 2019	June 2019	August 2019	October 2020
Crossgates Mall Station	WWBRT	\$0.4 million	Pyramid Internal Funds	May 2019	June 2019 ???	July 2019	October 2019
River BRT Infrastructure Phase 3	River BRT	\$4.4 million	SS Package	August 2019	October 2019	April 2020	Sept 2020
ETEC / Harriman West Station	WWBRT	\$3.8 million	TAP 2 UAlbany BRT Setaside	September 2019	December 2019	April 2020	Nov 2020
UAlbany Downtown Campus Station	WWBRT	\$1.7 million		January 2020	April 2020	May 2020	May 2021

\*\*\*Bus Purchase contract approval in May 2019

# River Corridor Bus Rapid Transit

# River BRT– Small Starts

Funding Entity	Reimbursed By		Status of Funds	Funding Amount	% of Funding
Federal Transit Administration	-	Capital Investment Grant / Small Starts (5309)	Committed	\$26,922,249	63.3%
	-	Bus & Bus Facilities (5339)	Committed	\$5,000,000	11.8%
Capital District Transportation Authority	New York State Department of Transportation	New York State Transit Capital Funding	Committed	\$3,193,541	7.5%
	New York State Empire State Development	Upstate Revitalization Initiative	Committed	\$7,310,000	17.2%
	City of Troy	Annual Budget	Committed	\$57,800	0.1%
	City of Albany	Annual Budget	Committed	\$30,200	0.1%
Total Project Cost and Funds				\$42,513,790	100%



# River BRT–CMAQ 2

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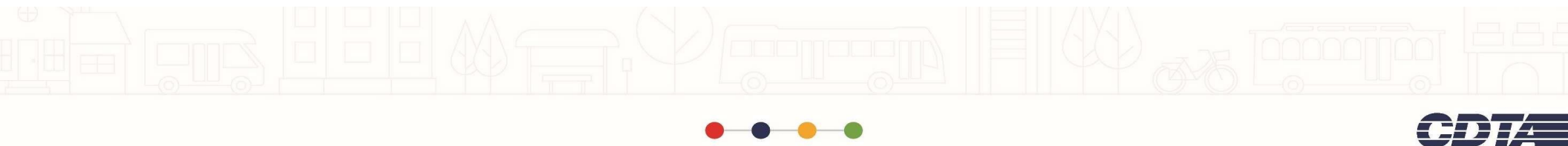
## Congestion Mitigation Air Quality

- Previously awarded in 2016 for bikeshare
- Awarded again for River Corridor BRT operations
- Five Years from FY21 to FY25 = \$2.9M to \$3.3M per year
- CMAQ = \$4,435,000 or first 18 months



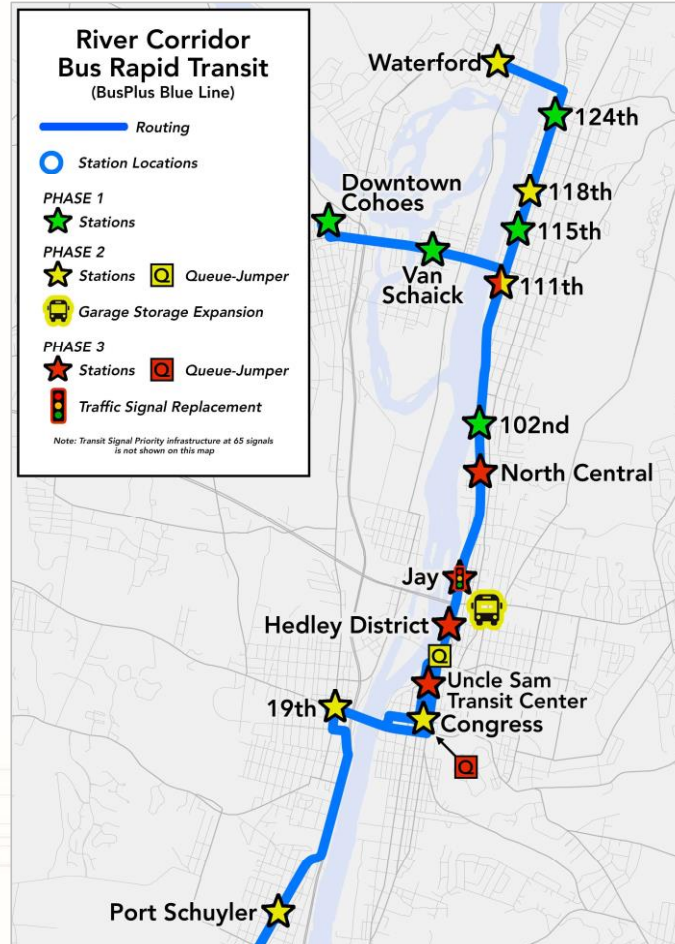
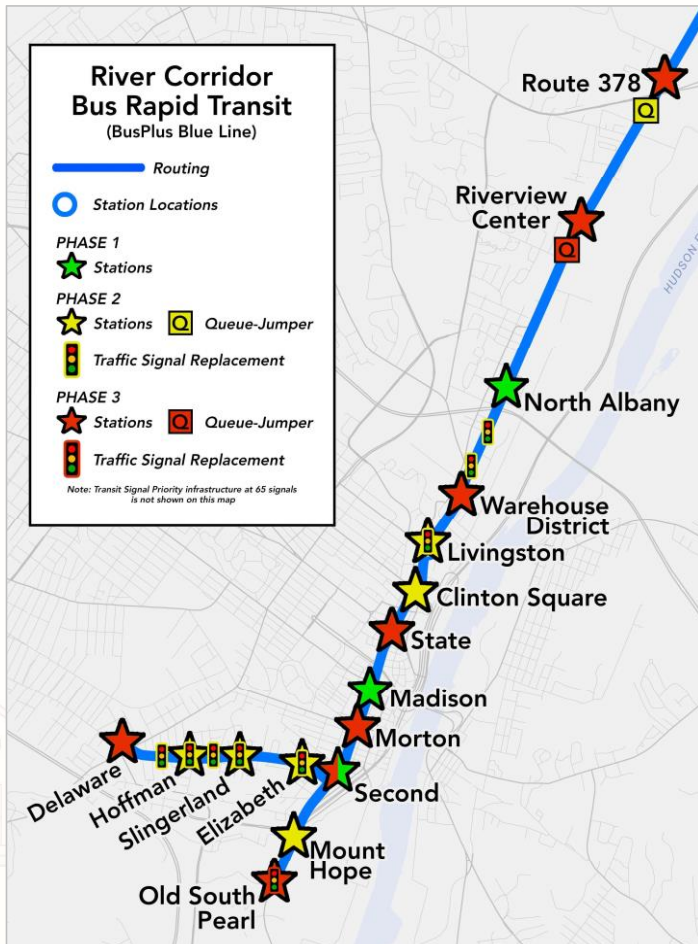
# River BRT Construction Contracts

	Capital Cost	Funded By	Bid / RFP Released	Contract Approval	Construction	
					Start	End
River BRT Infrastructure Phase 1	\$2.4 million	TAP 1 BRT Setaside	September 2016	December 2016	April 2017	July 2018
Shelter Manufacturer & Installation	\$2.3 million	SS Funding Package	December 2016	March 2017	April 2020	April 2021
River BRT Infrastructure Phase 2	\$4.4 million	SS Funding Package	March 2019	May 2019	July 2019	May 2020
Uncle Sam Transit Center	\$7.0 million	ESD Grant BRT Setaside	March 2019	TBD	TBD	TBD
Troy Garage Expansion	\$6.6 million	SS Funding Package	April 2019	June 2019	August 2019	October 2020
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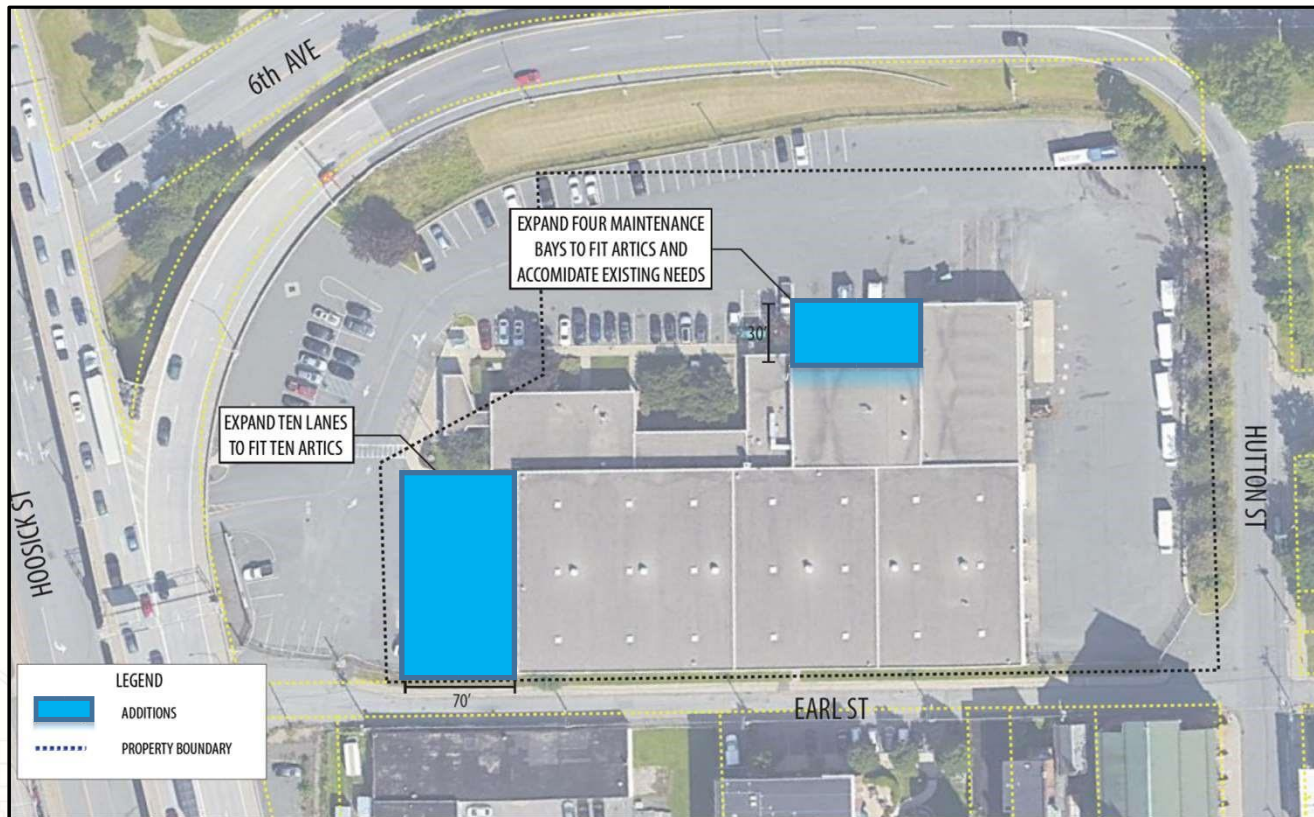
# River BRT Infrastructure



## Phase 3

- All remaining work
- 11 stations sitework
  - 10 by CDTA
  - ½ by City of Troy
  - ½ by City of Albany
  - 1 by NYSDOT
- 2 Queue jumpers
- Transit Signal Priority
- Troy maintenance expansion
- Operations in Fall 2020
- Construction completion Spring 2021
- 2 traffic signal replacements

# River BRT Infrastructure



## Troy Garage Expansion

- \$6,600,000
- Expansion of storage area for net increase of 10 buses
- Expansion of maintenance bays



# Washington/Western BRT Subprojects

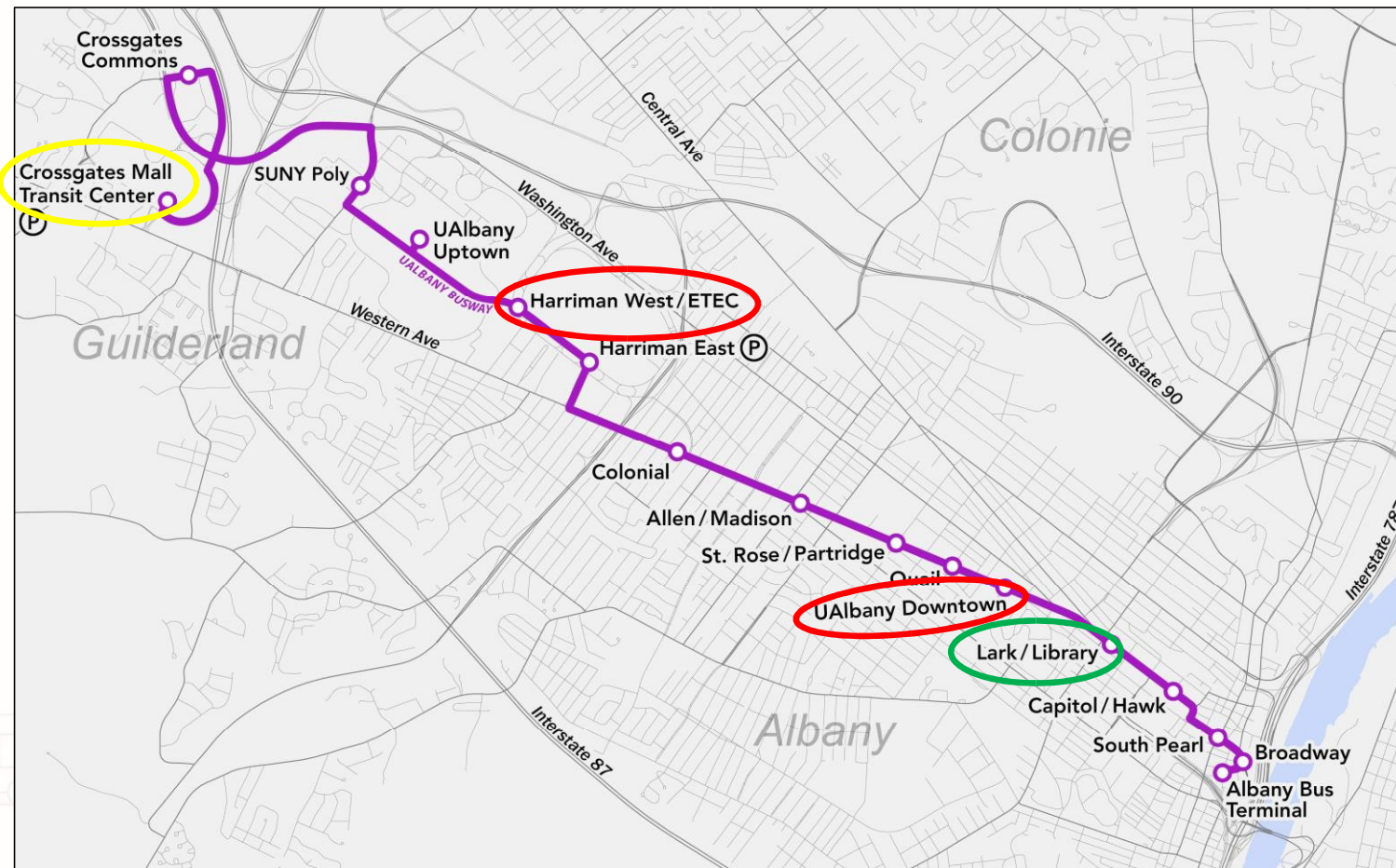


	Capital Cost	Funded By	Bid / RFP Released	Contract Approval	Construction	
					Start	End
Shelter Manufacturer & Installation	\$0.9 million	SS Funding Package	December 2016	March 2017	April 2020	April 2021
Washington Avenue Pedestrian/Transit Improvement	\$1.7 million	HSIP BRT Set Aside	May 2017	June 2017	August 2017	July 2018
Crossgates Mall Station	\$0.4 million	Pyramid Internal Funds	May 2019	June 2019 ???	July 2019	October 2019
ETEC / Harriman West Station	\$3.8 million	TAP 2 UAlbany BRT Setaside	September 2019	December 2019	April 2020	Nov 2020
UAlbany Downtown Campus Station	\$1.7 million		January 2020	April 2020	May 2020	May 2021





# WWBRT Infrastructure



# WWBRT – TAP 2

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## Transportation Alternatives Program

- Previously awarded in 2015 for early implementation of River BRT
  - eight stations' sitework & ped improvements
- Awarded again in April for roadway / intersection reconstruction, new traffic signals, pedestrian infrastructure, and station sitework associated with two WWBRT stations
- In conjunction with UAlbany campus expansion projects



# WWBRT – TAP 2

Project Cost – \$5,510,000

1. Downtown Campus Station \$1,710,000
2. Harriman West / ETEC Station \$3,800,000

## Funding Sources

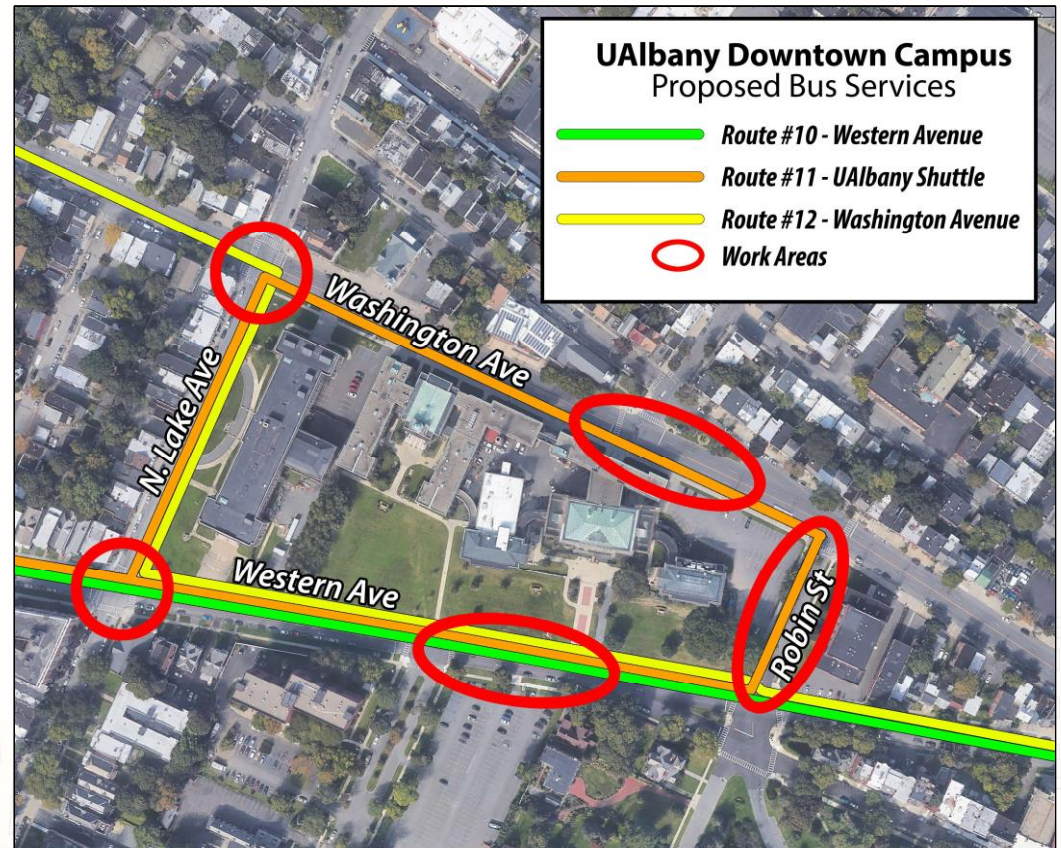
- TAP Grant – \$3,580,000 (65%)
- University at Albany – \$960,000
- TIP BRT Setaside – \$970,000





# Downtown Campus Station

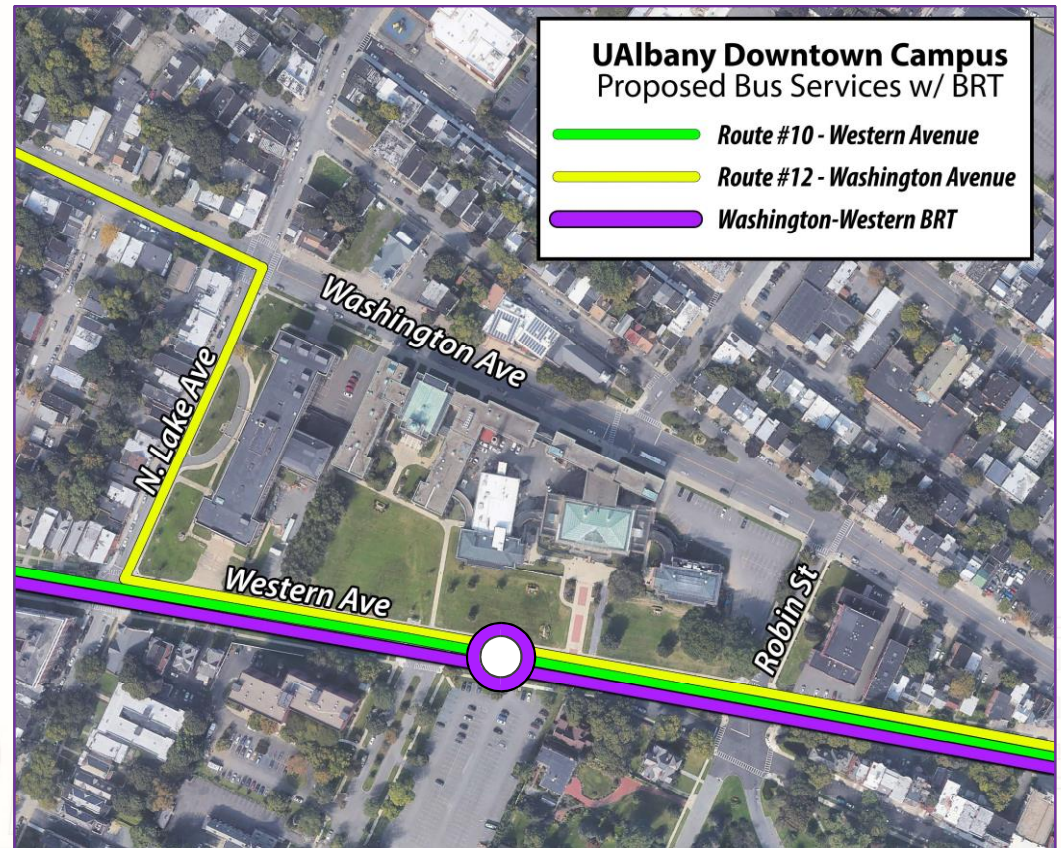
- Consolidate bus stops and routes to Western Avenue
- All serve future WWBRT station
- Maintain on-street parking to reduce need for garage
- Traffic calming and new ped infrastructure improve safety and accessibility



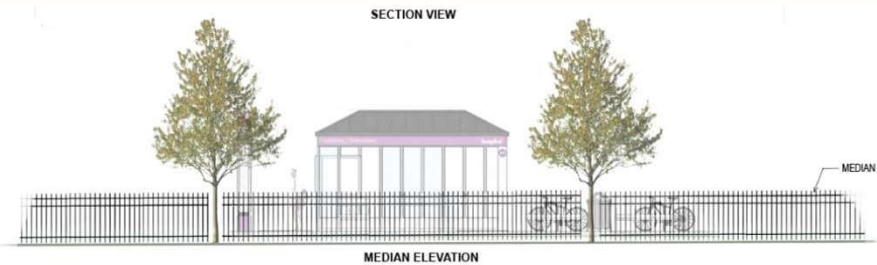
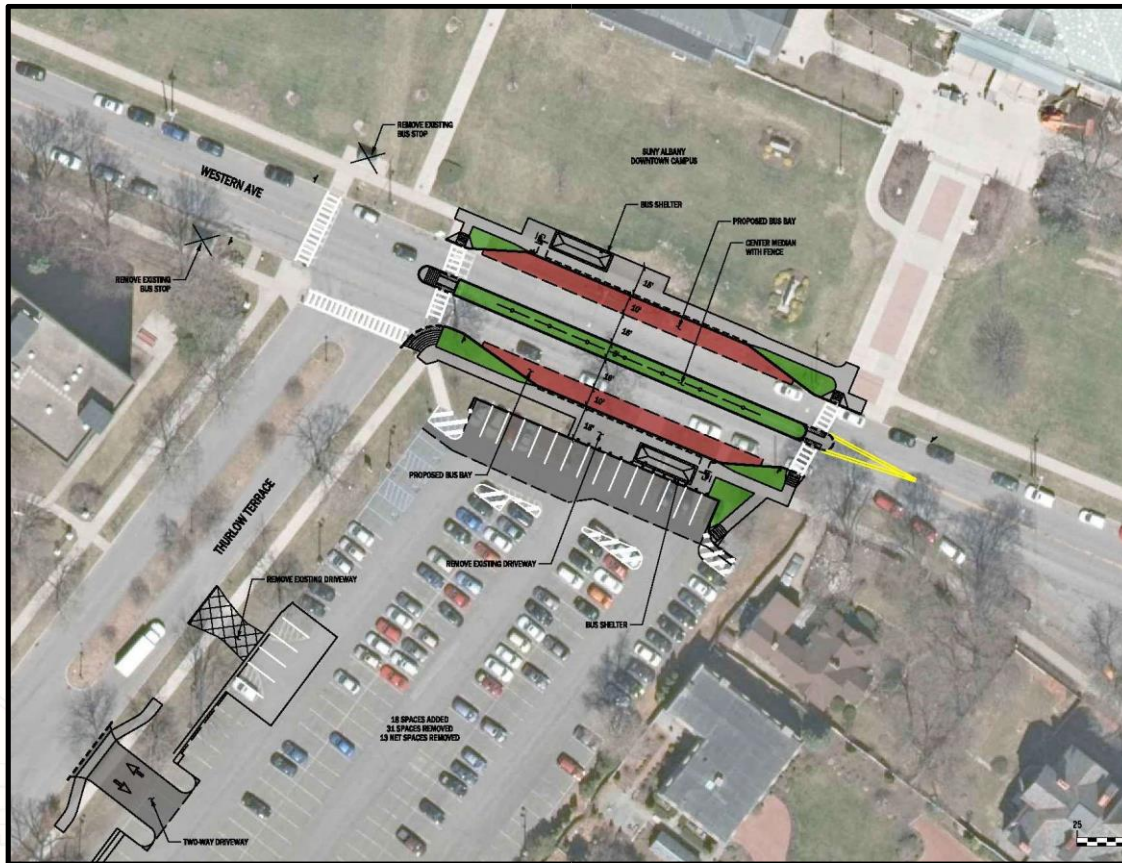


# Downtown Campus Station

- Consolidate bus stops and routes to Western Avenue
- All serve future WWBRT station
- Maintain on-street parking to reduce need for garage
- Traffic calming and new ped infrastructure improve safety and accessibility



# Downtown Campus Station



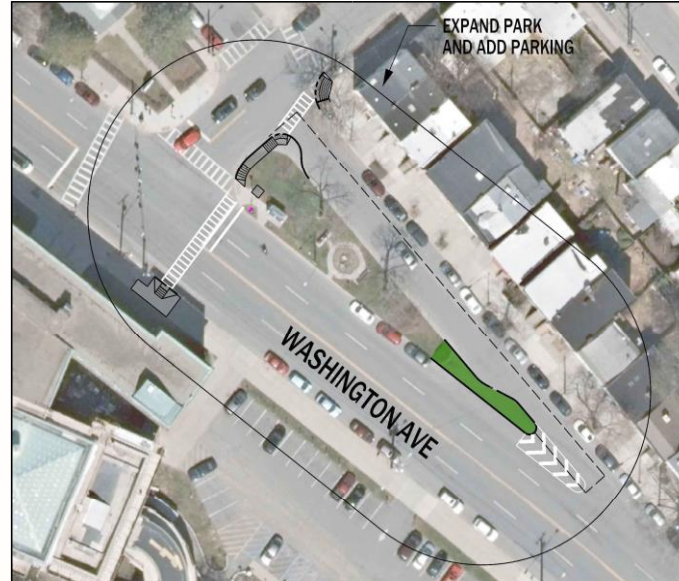
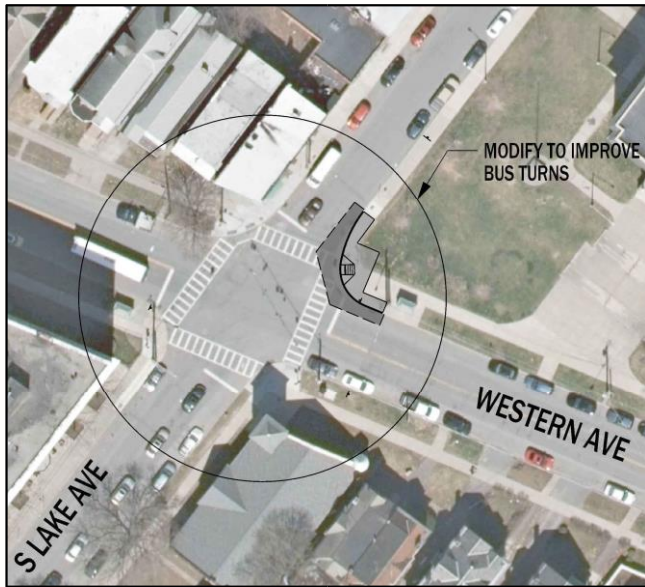
## BRT Station Sitework

- Add center median for ped refuge, aesthetic improvement, and force students to crosswalk
- Enlarge bus bay to accommodate multiple routes
- Relocate driveway to side street to eliminate ped-vehicular conflicts





# Downtown Campus Station



# Harriman West / ETEC Station



**CDTA**



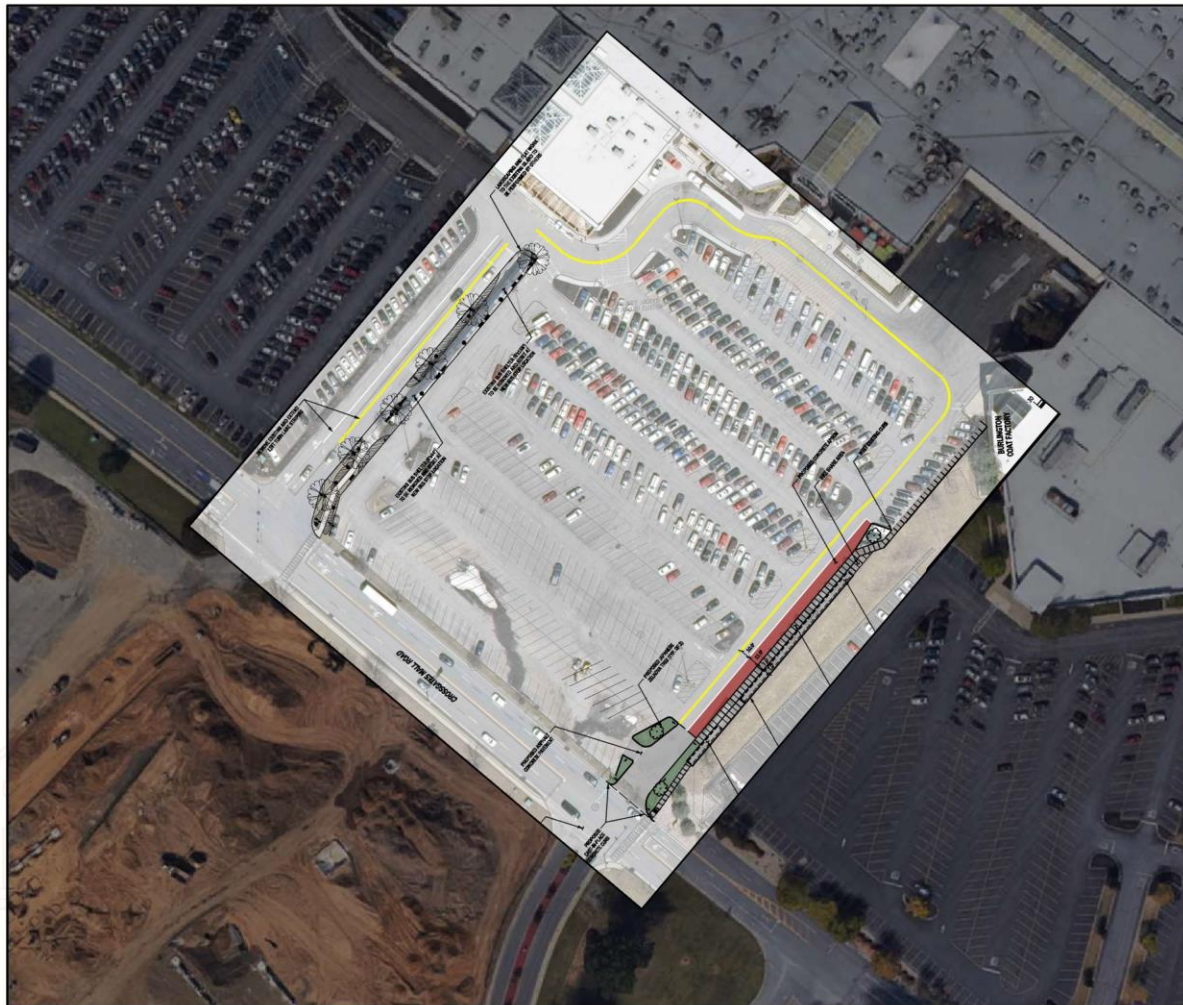
# Harriman West / ETEC Station



- Expansion of UAlbany from uptown campus to Harriman
- Reconstructing of ring-road from highway to pedestrian / transit-oriented street
- 6-lanes to 4-lanes with BRT station and pedestrian pathway in center median
- New signals to stop traffic
- Bus-only roadway between campuses



# Crossgates Mall Station



- Relocation of existing shelter, parking lot reconfiguration, bus-only entrance to lot
- Allows for Pyramid to build pathway from hotel to mall
- Allows CDTA to improve operations and reduce travel time

**Cost: \$375,000**

– Pyramid \$200,000

– CDTA \$175,000

